

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082919\
 Data File : VU034035.D
 Acq On : 28 Aug 2019 20:01
 Operator : JC/SP
 Sample : K4577-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GW-1

Quant Time: Aug 29 05:06:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

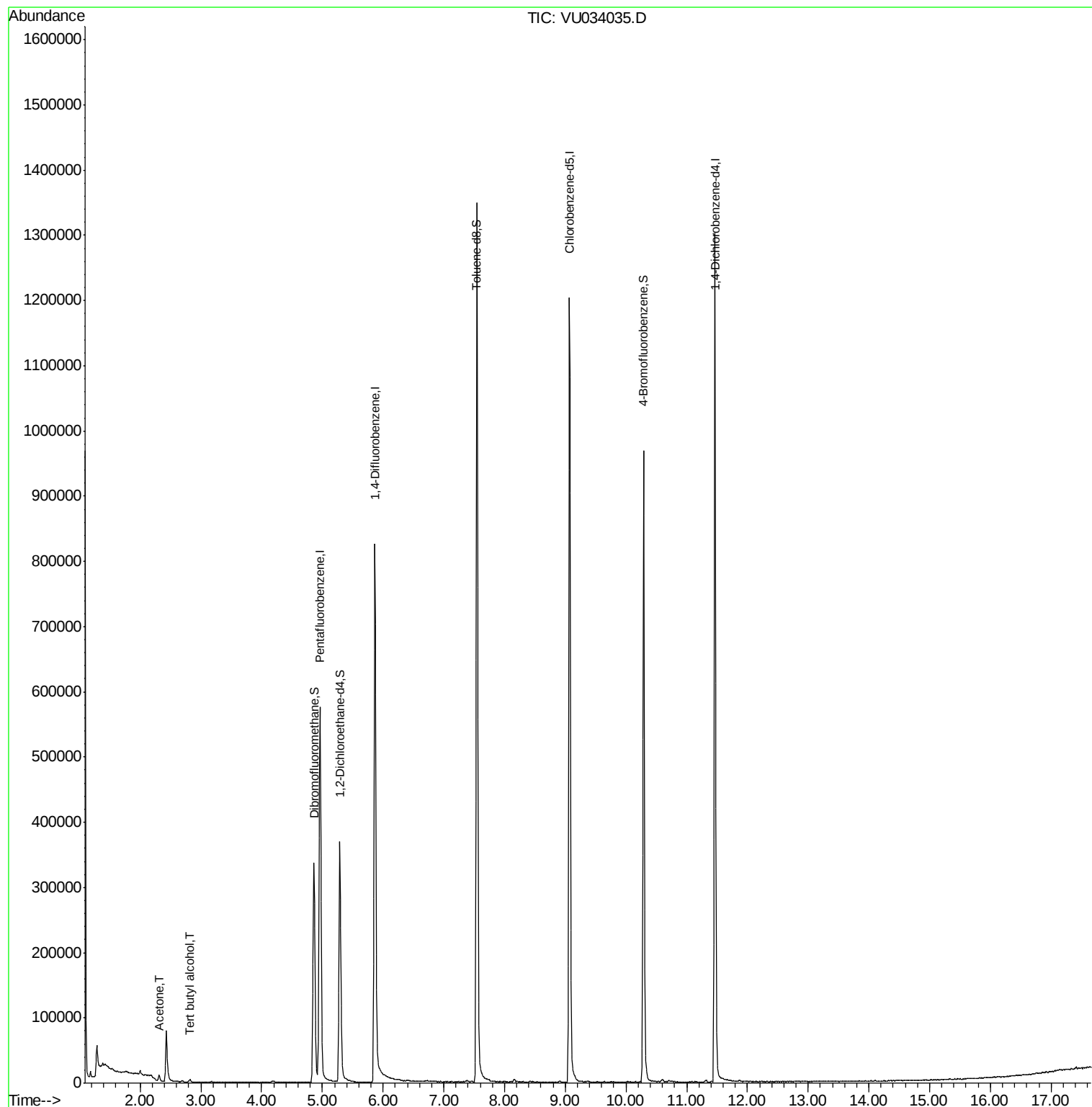
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	468701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	743639	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	710261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	355988	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	296995	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
35) Dibromofluoromethane	4.86	113	241728	46.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.74%	
50) Toluene-d8	7.55	98	939562	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
62) 4-Bromofluorobenzene	10.29	95	329993	43.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.86%	
Target Compounds						
11) Tert butyl alcohol	2.82	59	4488	3.241	ug/l #	86
16) Acetone	2.31	43	8993	2.935	ug/l	95

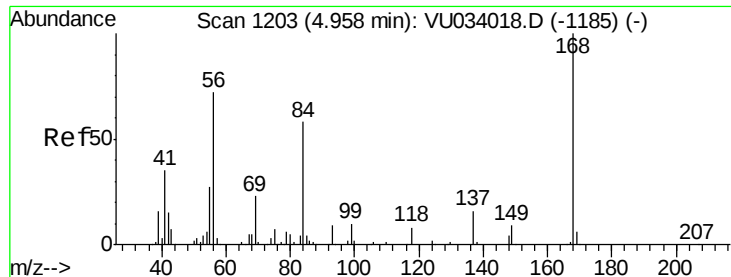
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034035.D

Acq: 28 Aug 2019 20:01

Instrument :

MSVOA_U

ClientSampled :

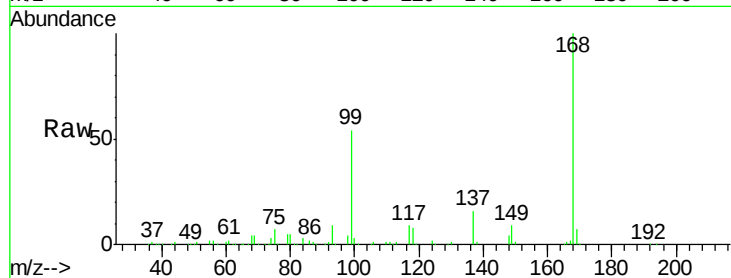
GW-1

Tot Ion:168 Resp: 468701

Ion Ratio Lower Upper

168 100

99 53.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034018.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034018.D (-1185) (-)

4.96

200000

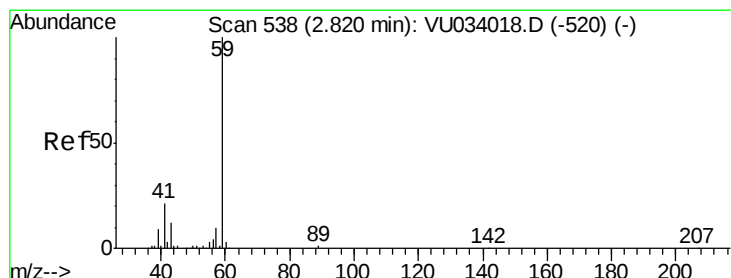
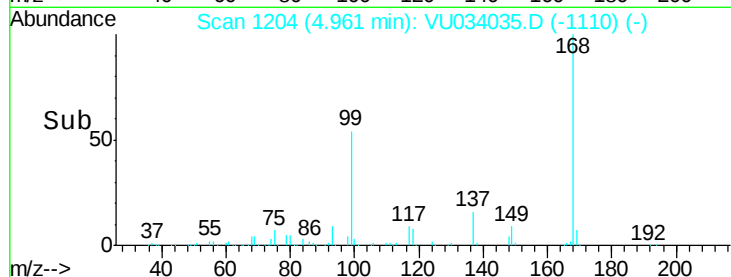
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.241 ug/l

RT: 2.82 min Scan# 537

Delta R.T. -0.00 min

Lab File: VU034035.D

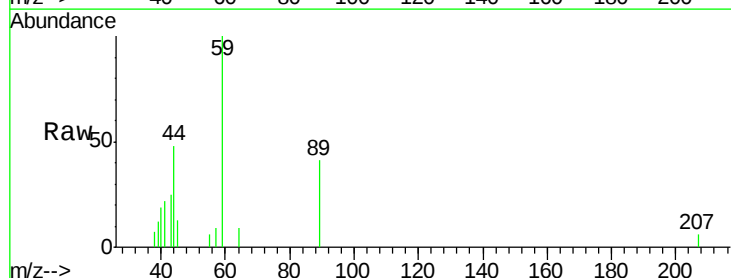
Acq: 28 Aug 2019 20:01

Tgt Ion: 59 Resp: 4488

Ion Ratio Lower Upper

59 100

57 4.8 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VU034018.D (-520) (-)

Ion 57.00 (56.70 to 57.70): VU034018.D (-520) (-)

2.82

2000

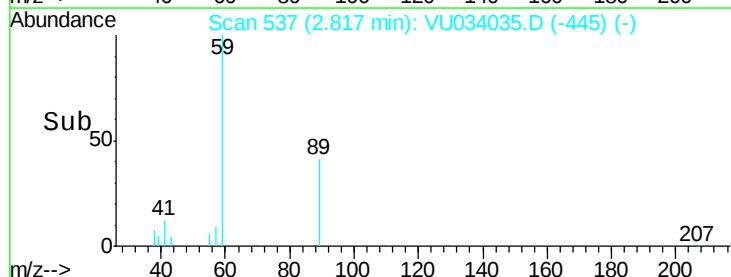
1500

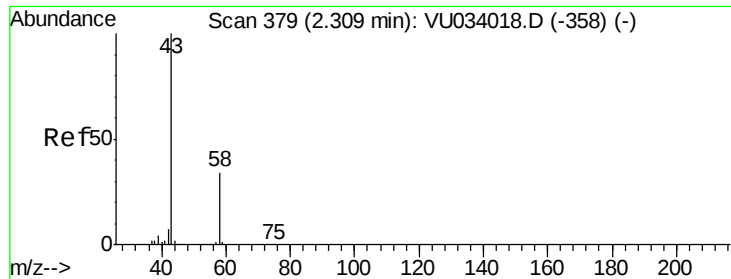
1000

500

0

Time-->

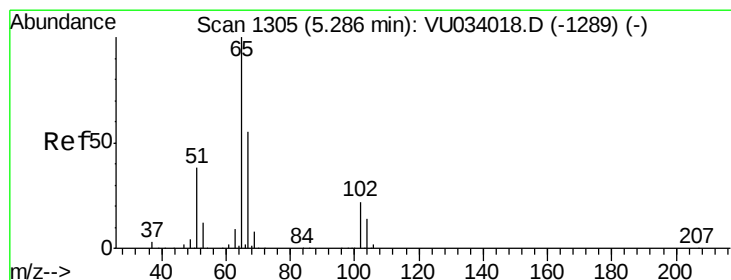
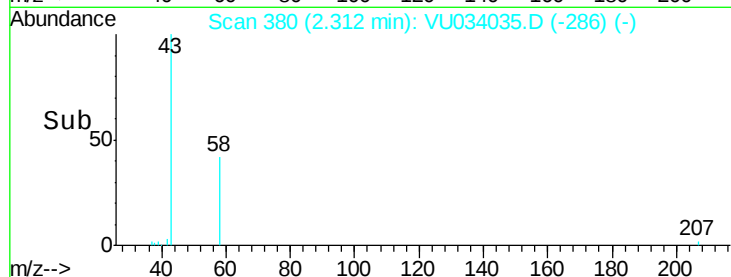
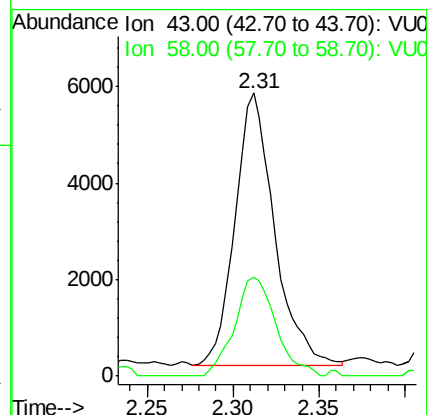
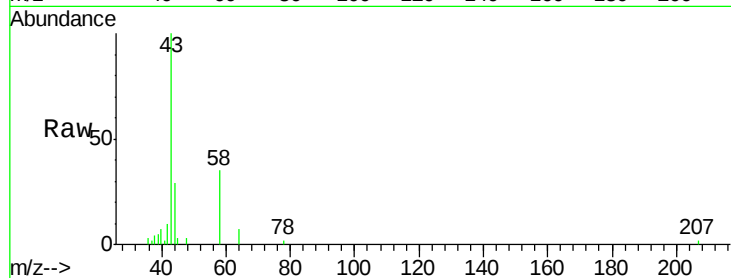




#16
Acetone
Concen: 2.935 ug/l
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VU034035.D
Acq: 28 Aug 2019 20:01

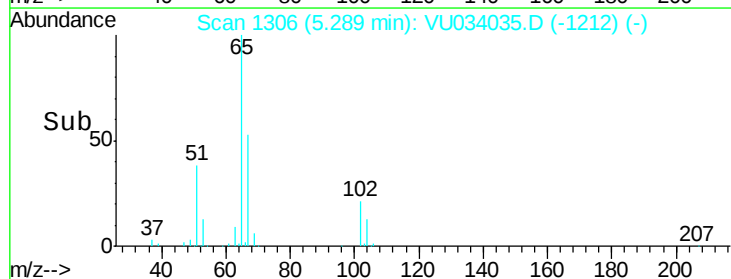
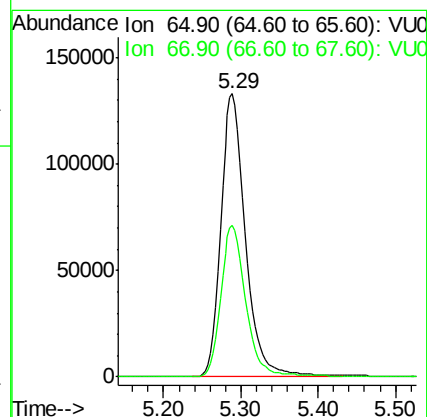
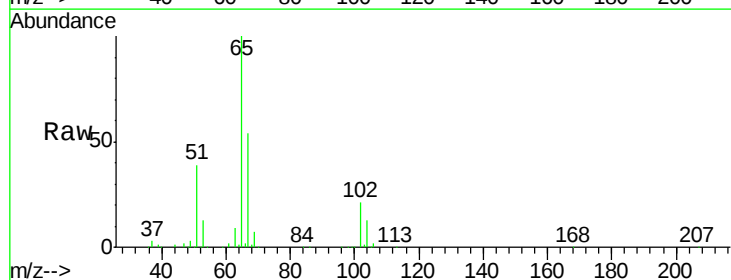
Instrument :
MSVOA_U
ClientSampled :
GW-1

Tot Ion: 43 Resp: 8993
Ion Ratio Lower Upper
43 100
58 36.6 26.8 40.2



#33
1,2-Dichloroethane-d4
Concen: 49.453 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034035.D
Acq: 28 Aug 2019 20:01

Tgt Ion: 65 Resp: 296995
Ion Ratio Lower Upper
65 100
67 53.8 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034035.D

Acq: 28 Aug 2019 20:01

Instrument :

MSVOA_U

ClientSampleId :

GW-1

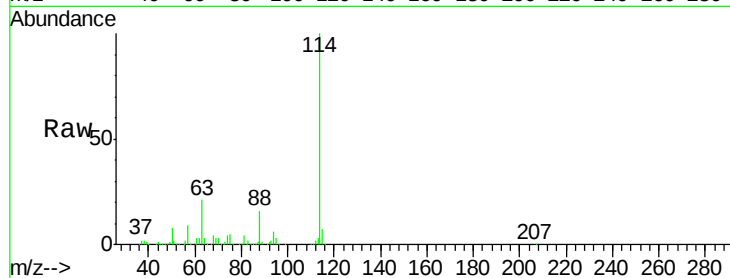
Tot Ion:114 Resp: 743639

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.0

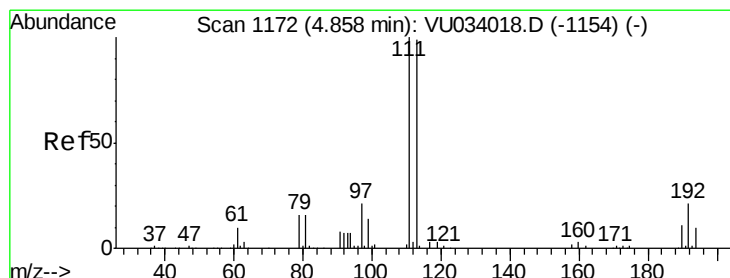
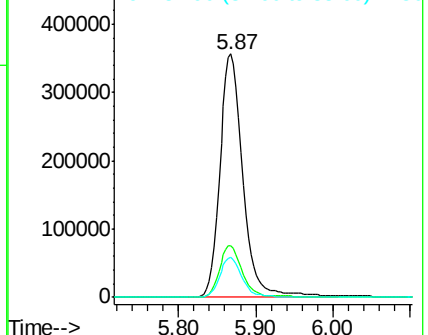
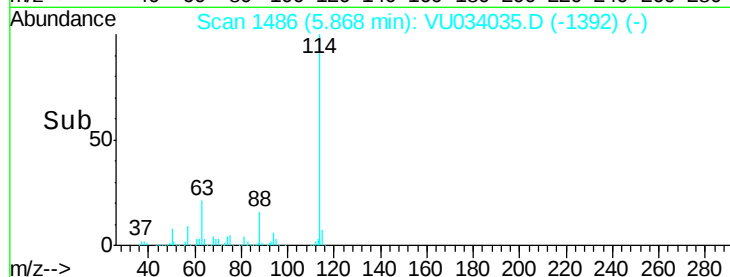
88 16.3 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 46.866 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034035.D

Acq: 28 Aug 2019 20:01

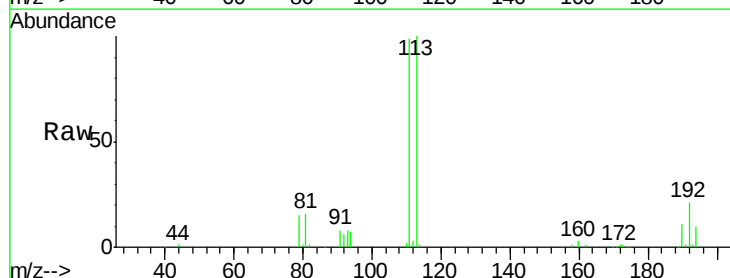
Tgt Ion:113 Resp: 241728

Ion Ratio Lower Upper

113 100

111 103.2 81.7 122.5

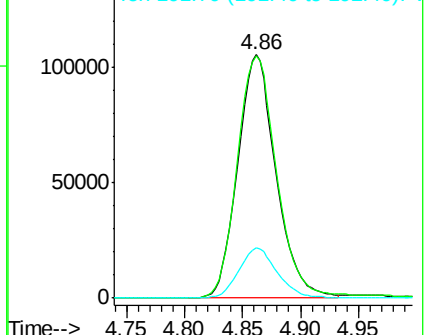
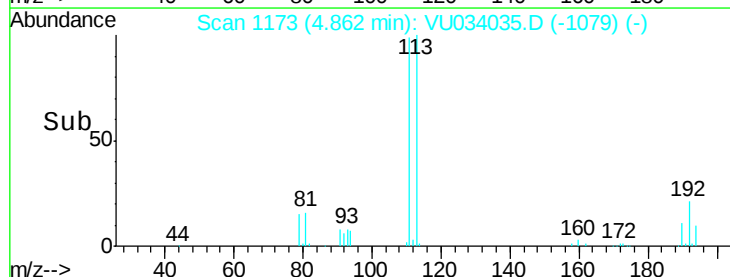
192 21.1 17.1 25.7

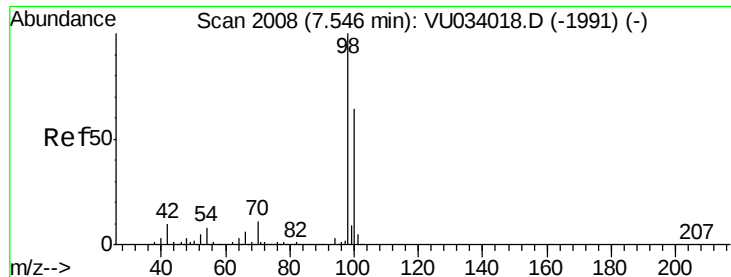


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

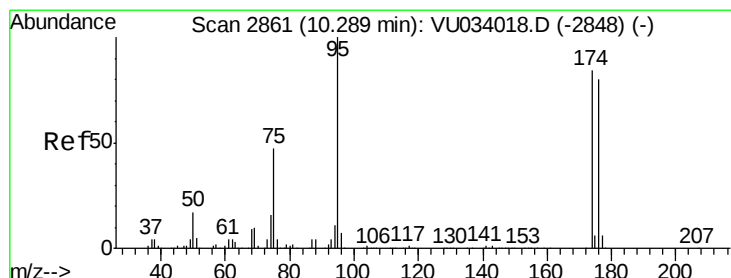
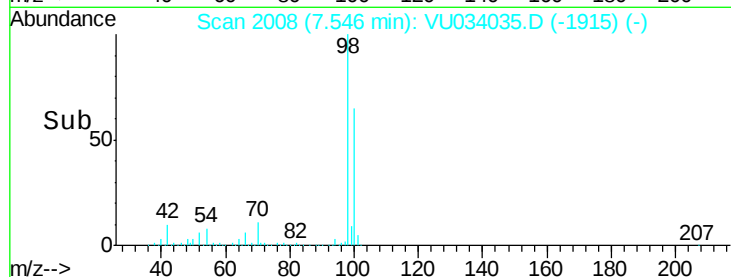
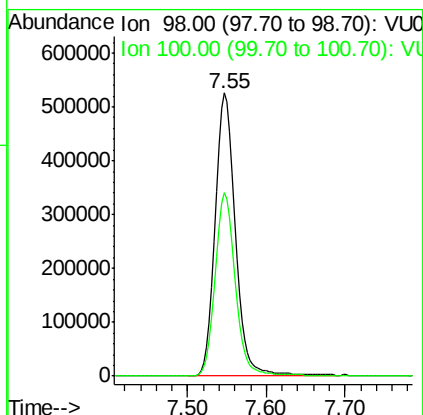
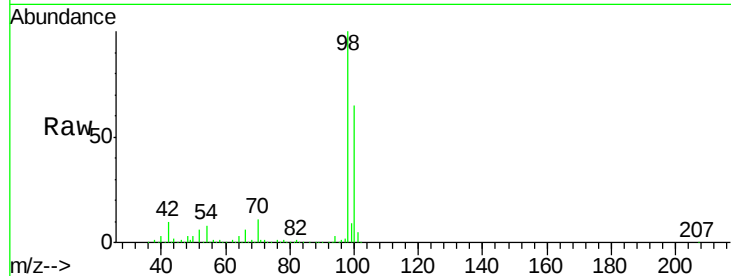




#50
Toluene-d8
Concen: 48.650 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034035.D
Acq: 28 Aug 2019 20:01

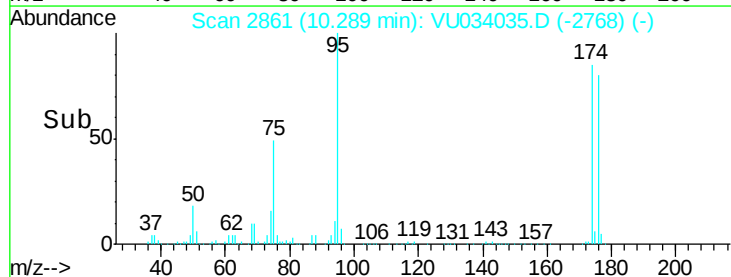
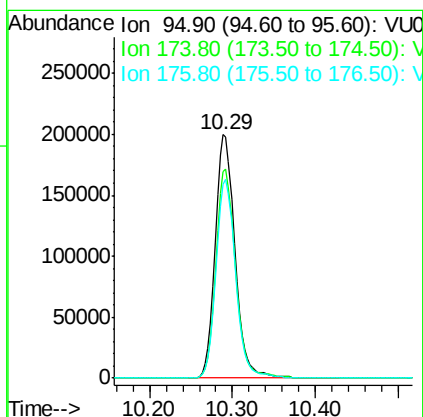
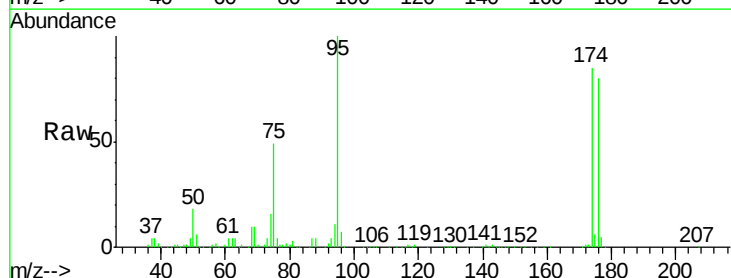
Instrument :
MSVOA_U
ClientSampleId :
GW-1

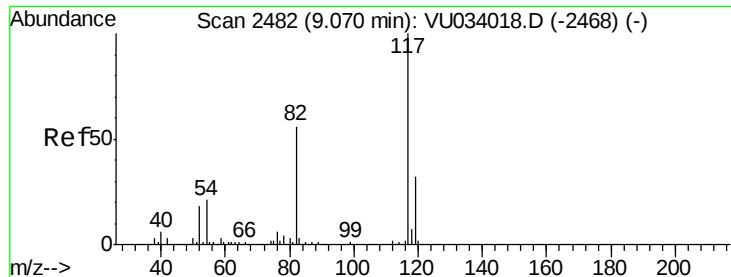
Tot Ion: 98 Resp: 939562
Ion Ratio Lower Upper
98 100
100 64.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 43.926 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034035.D
Acq: 28 Aug 2019 20:01

Tgt Ion: 95 Resp: 329993
Ion Ratio Lower Upper
95 100
174 85.0 0.0 168.8
176 80.6 0.0 161.8

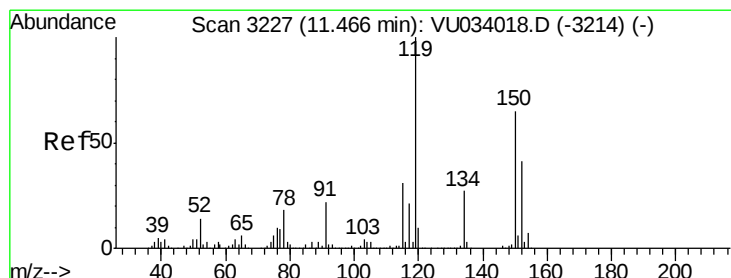
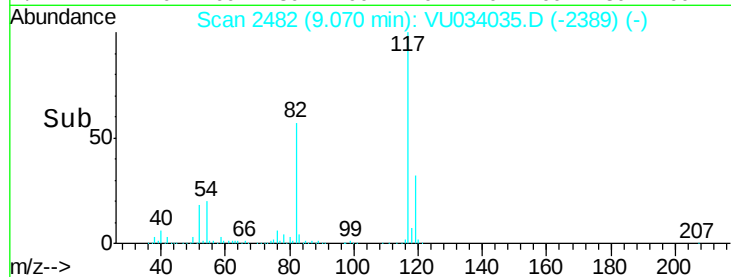
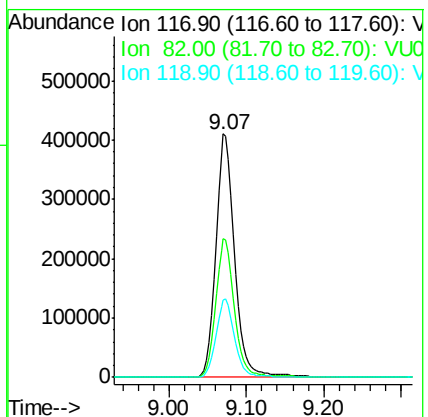
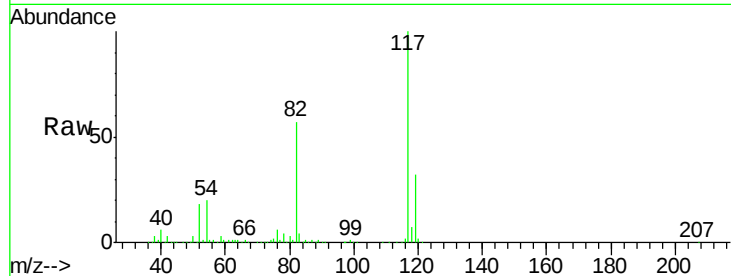




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034035.D
Acq: 28 Aug 2019 20:01

Instrument :
MSVOA_U
ClientSampled :
GW-1

Tot Ion:117 Resp: 710261
Ion Ratio Lower Upper
117 100
82 56.8 45.1 67.7
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.47 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VU034035.D
Acq: 28 Aug 2019 20:01

Tgt Ion:152 Resp: 355988
Ion Ratio Lower Upper
152 100
115 57.4 41.1 123.3
150 156.0 0.0 348.8

